State of Alaska
Department of Fish and Game
Nomination for Waters
Important to Anadromous Fi...

Hawkins 10 Trib 2-01 Tributary to 228-30-18570

AWC Volume SE (SC) SW W AR IN USGS Quad Cordova C6

Anadromous Water Catalog Number of Waterway 228-30-18560-2007-3002

Name of Waterway _____ USGS name ____ Local name ____

Addition ✓ Deletion ____ Correction ____ Backup Information ____

For Office Use

Nomination # 94 201	Regional Supervisor	Date
Revision Year: '94	Ed Weiss	1/7/94
Revision to: Atlas ____ Catalog ____ Both X		
Revision Code: A-2Q	Drafted	Date
	L. Brown	2/9/94

OBSERVATION INFORMATION

Species	Date(s) Observed	Spawning	Rearing	Migration	Anadromous
Pink Salmon / Adult	8/24/93	23			✓

IMPORTANT: Provide all supporting documentation that this water body is important for the spawning, rearing or migration of anadromous fish, including: number of fish and life stages observed; sampling methods, sampling duration and area sampled; copies of field notes; etc. Attach a copy of a map showing location of mouth and observed upper extent of each species, as well as any other information such as: specific stream reaches observed as spawning or rearing habitat; locations, types, and heights of any barriers; etc.

Comments: 23 adult pink salmon were visually identified during a foot survey of this tributary. The barrier is a spring which is 50 meters upstream from the upper extent of pink salmon. Channel width is 1 meter at the mouth and 0.3 meter at the upper extent. Gradient is 1%. Good spawning gravel. Instream cover abundance is high.

ALASKA DEPT. OF FISH & GAME
NOV 03 1993
REGION II HABITAT AND RESTORATION

Name of Observer (please print) KATHRIN SUNDET

Date: 10/21/93 Signature: Kathrin Sundet

Address: 333 RASPBERRY
ANCHORAGE AK 99502

This certifies that in my best professional judgement and belief the above information is evidence that this waterbody should be included in or deleted from the Catalog of Waters Important for Spawning, Rearing or Migration of Anadromous Fishes per AS 16.05.870.

Signature of Area Biologist: _____

Rev. 7/93

228-30-18570

STREAM HABITAT ASSESSMENT 1993 – SEGMENTS

STREAM: ~~HAWKINS~~ KS SEGMENT: 2-01 DATE: 8/24/93 TEAM: WG/KS

ANADROMOUS: (y) n WIDTH (m): 1.0 - 3 LENGTH (m): 50 GPS DATE: 8/24 DIGITIZE: y n

WATERBODY: mainstem (tributary) lake/pond wetland intertidal other : _____

FISH					WILDLIFE		
SPECIES	STAGE (A J U)	COUNT	METHOD (E V D)	COMMENTS	SPECIES	COUNT	COMMENTS
PINK	A	3	E	live			
"	"	20	V				

GRADIENT(%): 1 CHANNEL PROFILE: A (B) C D E F

CHANNEL PATTERN: (single) multi – braided

STREAM SUBSTRATE: (rank three most predominant types) BEDROCK ___ BOULDER ___ RUBBLE ___ COBBLE 2 (MD 3)
GRAVEL 1 SAND ___ MUD/SILT ___ ORGANICS ___ OTHER: _____

STREAM COVER TYPE: ORGANIC DEBRIS ✓ DEAD BRANCHES/TWIGS ✓ LOGS ✓ BOULDERS ___
CUT BANK ✓ OVERHANGING VEGET. ✓ OTHER: _____

STREAM COVER ABUNDANCE: none low medium (high)

RIPARIAN VEGETATION (three most abundant plants in order of dominance) within 20m of the banks:

OVERSTORY: HEMLOCK FERNS SKUNK CABBAGE
UNDERSTORY: GRASS

CANOPY ABOVE STREAM: none (low) medium high

GROWTH: mature (secondary) shrubs meadow muskeg intertidal

TOTAL BARRIER? (y) n BARRIER TO SPECIES: ALL (adults) juveniles

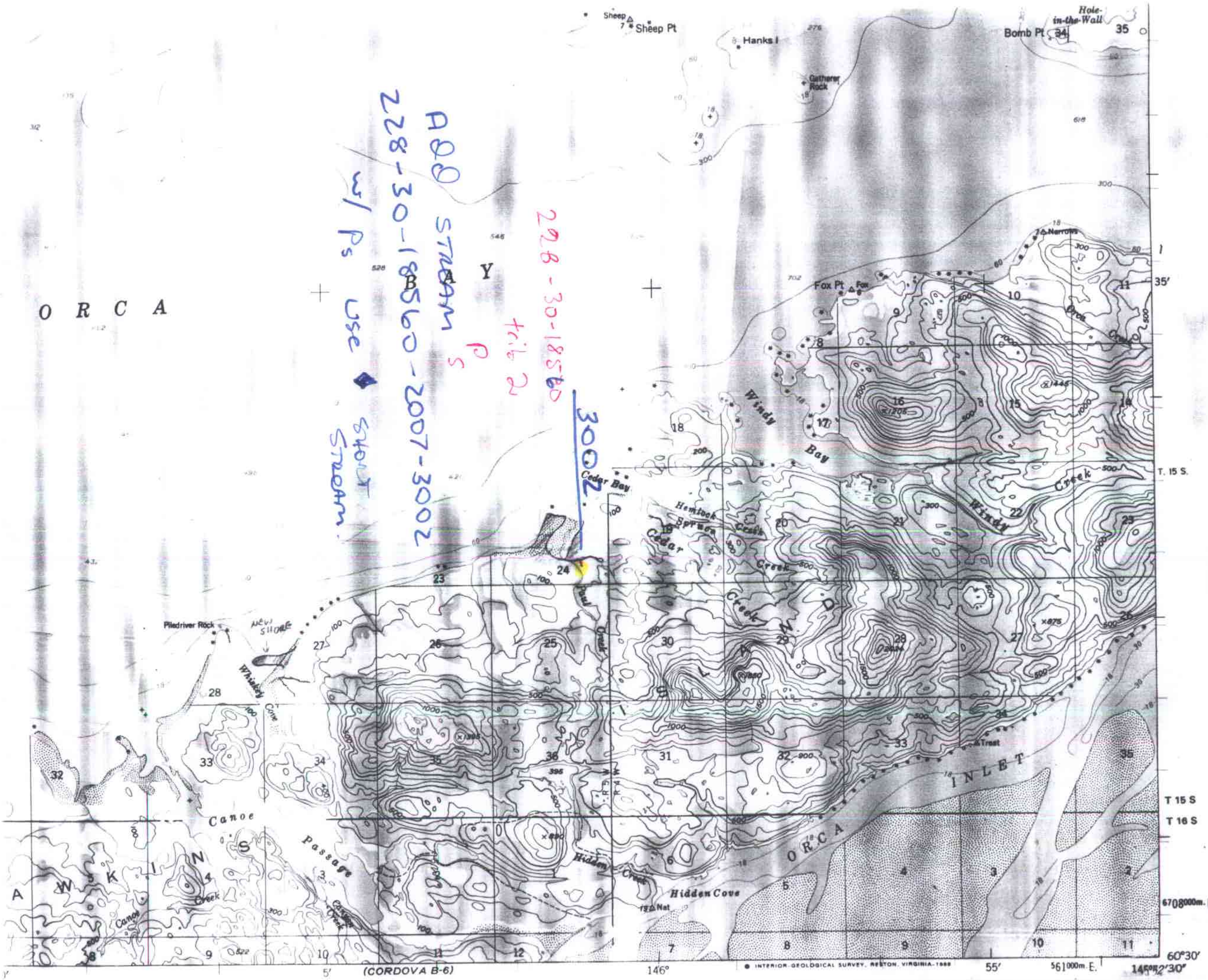
TYPE: fall slide beaverdam logjam (spring) substrate HEIGHT (m): 0 DIST. FROM UPPER EXTENT (m): 30

PHOTO ROLL(s): KS-06 VIDEO TAPE(s): _____

FRAME	DESCRIPTION
1	mid-segment

DATE	DESCRIPTION

Substrate: Bedrock (solid) Boulder >1" Rubble 6–12" Cobble 2–6" Gravel .1–2" Sand <.1"
(Please enter comments on the other side)



ADD STREAM
228-30-18560-2007-3002
w/ Ps use ◆ SHORT STREAM.
228-30-18560
trib 2
P
S
3002
NEW SHORE
ORCA BAY
ORCA INLET
Canoe Passage
Sheep Pt
Hanks I
Bomb Pt
Hole-in-the-Wall
Gatherer Rock
Fox Pt
Narrows
Windy Bay
Windy Creek
Orca Creek
Cedar Bay
Hemlock Creek
Spruce Creek
Cedar Creek
Paul Creek
Whiskey Cove
Piledriver Rock
Hidden Creek
Hidden Cove
T 15 S
T 16 S
T. 15 S.
35′
55′
5′
146°
60°30′
145°52′30″
6708000m. N.
561000m. E.
(CORDOVA B-6)
INTERIOR-GEOLOGICAL SURVEY, RESTON, VIRGINIA-1988

MEMORANDUM

State of Alaska

DEPARTMENT OF FISH & GAME

TO: Ed Weiss
Habitat Biologist
Region II
Habitat and Restoration Division
Department of Fish and Game

DATE: November 3, 1993

FILE NO.:

TELEPHONE NO.: 267-2295

SUBJECT: Anadromous Stream Nominations and Corrections Project R-51

FROM: Kathrin Sundet
Habitat Biologist
Region II
Habitat and Restoration Division
Department of Fish and Game

Attached are anadromous stream nominations and corrections to be included in the Anadromous Waters Catalog for 53 streams surveyed in the fall of 1993 on private lands held by the Tatitlek and Eyak Native Corporations in northeast Prince William Sound.

Streams were surveyed by the Alaska Department of Fish and Game, Habitat and Restoration Division personnel, Kathrin Sundet, Jeff Barnhart, Dan Grey, and Wes Ghormley as part of Exxon Valdez Oil Spill Restoration project R-51 aka SHA (Stream Habitat Assessment).

Streams were surveyed on foot from the intertidal zone to the upper extent of anadromous fish distribution. Adult salmon and Dolly Varden were visually identified and enumerated. Juvenile salmon were visually identified in the stream, and then captured by electroshocking, dipnet, or minnow trap to confirm identification. Sampling was conducted periodically along the stream to determine the presence of juvenile salmon. No attempt was made to determine the rearing population sizes of juvenile salmon, or to determine the total escapement of adult salmon in a stream.

Stream data are on file at the Alaska Department of Fish and Game, Habitat and Restoration office, 333 Raspberry Road, Anchorage, Alaska.

There substantial discrepancies among shorelines on the USGS quad sheets, the DNR shoreline, and observed shorelines in this area. In some cases I have attached enlarged plots generated from GPS data and the DNR shoreline to the nomination form in order to illustrate the differences.

Attachments

cc w/o Attachments: Lance Trasky
Don McKay
Mark Kuwada